

On (amended) page 5, before line 13 insert the following new paragraph:

---

B1 --In accordance with one aspect of the present invention, a packet data transmission network system comprises a receiver, and a sender for transmitting data packets to the receiver through a packet data connection via a network element. The receiver is arranged to acknowledge each received data packet by an acknowledgment message containing header data comprising a window size. The number of transmitted bytes for which the sender has not received an acknowledgement from the receiver does not exceed the window size. The network element is arranged to buffer data packets transmitted by the sender and examine and modify the header data. The network element is also arranged to detect transmission conditions comprising radio conditions and modify the window size accordingly. The present invention is also directed to an associated data transmission method and an appropriate network element.

---

On page 6, delete the two paragraphs from line 1 to line 7.

On page 6, before line 8, insert the following new paragraph:

---

B2 --Other objects and features of the present invention will become apparent from the following detailed description considered in conjunction with the accompanying drawings. It is to be understood, however, that the drawings are intended solely for purposes of illustration and not as a definition of the limits of the invention, for which reference should be made to the appended claims.--

---

NE On page 10, line 1, delete "CLAIMS:" and insert therefor --What is claimed is:--.